TermiNet® 510 Corresponder

The 510 cps correspondence printer *and* line printer that's as profitable for you as it is practical for your customers

GENERAL ELECTRIC

In speed, performance and capabilities, no other correspondence printer comes close

From every key standpoint, the TermiNet 510 Corresponder makes more sense.

For you, it's a profitable printer that combines the correspondence printer and line printer capabilities that many of your customers need today.

For your customers with high-volume printing requirements, it's both an economical breakthrough and a printer whose clearcut advantages mean greater productivity, lower operating costs and superior all-around performance.

The 510 Corresponder itself is an enhanced version of our compact TermiNet 340 line printer. The printer whose proven technology and solid engineering have earned it an enviable reputation for durability, reliability and outstanding performance. Year in and year out.

Take a closer look and you'll see why the 510 Corresponder is the one you should recommend to your customers.

With the dual-hopper cut-sheet feeder option, operators can use both continuous pinfeed forms and single-cut sheets.

It speeds by other correspondence printers

There's little question the 510 Corresponder stands out in a field of daisies.

At 240 lines-per-minute (upper and lower case printing) versus 20 to 60 cps, it leaves daisy wheel printers dead in their tracks. Not to mention 20-inch per second paper slew versus 4 or 5. It takes less than 10 seconds to print a typical 36 line, one page business letter. From paper load to print to paper eject. Measure that against a daisy. So you can imagine how much faster your customers can get their work done with the 510 Corresponder.

More work done at lower cost. Think how much your customers will appreciate that.

Switch-hit capability gives you more leverage

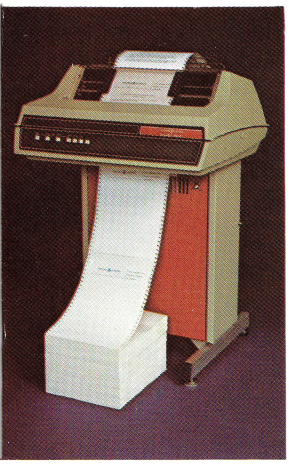
The 510 Corresponder is actually two printers for the price of one. A high-speed correspondence printer as well as a medium-speed line printer.

With our standard reinked fabric ribbon cartridge, your customers have a rugged line printer that can easily handle a broad range of high-volume data processing jobs at minimal cost per page. Switch out that ribbon for the carbon-film ribbon cartridge, and your customers have a correspondence printer that can handle high-volume printing quickly and economically. What's more, an operator can change ribbons in a matter of seconds.

Ribbon life? Long and economical. The carbon film cartridge holds 210 yards. Useful life depends on data format. Typical is 500 thousand to more than one million characters. And the nylon fabric with reinker has a typical capacity of 100 million characters.

Correspondence print quality

Even at 510 cps, the print quality of the 510 Corresponder speaks for itself. Printed characters are crisp, sharp and highly legible. That's because the 510 Corresponder was engineered to combine data processing speed with correspondence print quality.



In addition, a choice of print styles, fonts and individual character and symbol print fingers is also available to meet your customer's exact requirements.

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A sample of the 510 Corresponder's excellent print quality.

Another plus: Automatic cut-sheet feeder

The automatic cut-sheet feeder accessory helps make the 510 Corresponder even more attractive to you and your customers.

Choose either a single or dual hopper model. With dual hoppers, two different single cut sheets can be fed. The hoppers each hold 200 sheets of standard 20-lb. paper. With the automatic sheet feeder models, the operator can easily switch between tractor fed continuous forms and single sheet letterhead.

Performance? The 510 Corresponder provides a very high slew rate up to 20 ips. Plus twin six-pin tractors and a separate, servo-driven motor to assure smooth operation and precise paper positioning.

Broad interface compatibility, smooth system integration

The 510 Corresponder was designed and engineered to interface with the data processing systems you sell. And the ones your customers are using.

Currently, you can integrate the 510 Corresponder with the data processing/word processing equipment of 40 different manufacturers.

What's more, the interfaces available include the most popular types. Printer and interfaces are compatible with a wide range of system hardware: peripherals, discs, tape drives, other printers, CRTs and card readers, for example. From buffered and unbuffered to serial, parallel and current-loop.

System integration is easy and convenient, too. Simple strapping schemes for interface boards allow quick interfacing and expedite system integration.

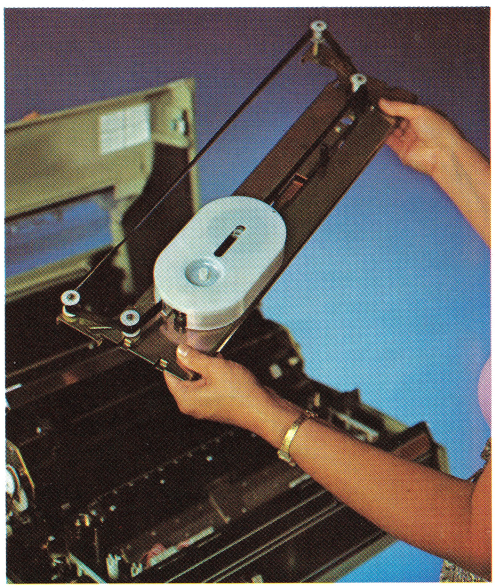
In addition, skilled technical people as well as excellent documentation packages are available for specialized customer system interfacing.

Support that covers every customer need

Keep in mind that the 510 Corresponder, like all TermiNet printers, is built to keep performing year after year. Superior engineering, long-life materials and very little maintenance have resulted in a correspondence printer that can take constant high-speed use.

When service is necessary, General Electric makes sure that a quality product gets quality support. That's why the 510 Corresponder is backed by a continually expanding worldwide service network staffed with specially trained technicians and a large inventory of parts. Response is quick, thorough and complete.

In addition, detailed documentation is provided covering printer, accessories, interfaces, as well as printer use.



Fabric and carbon-film ribbon cartridges can be switched back and forth cleanly and quickly.

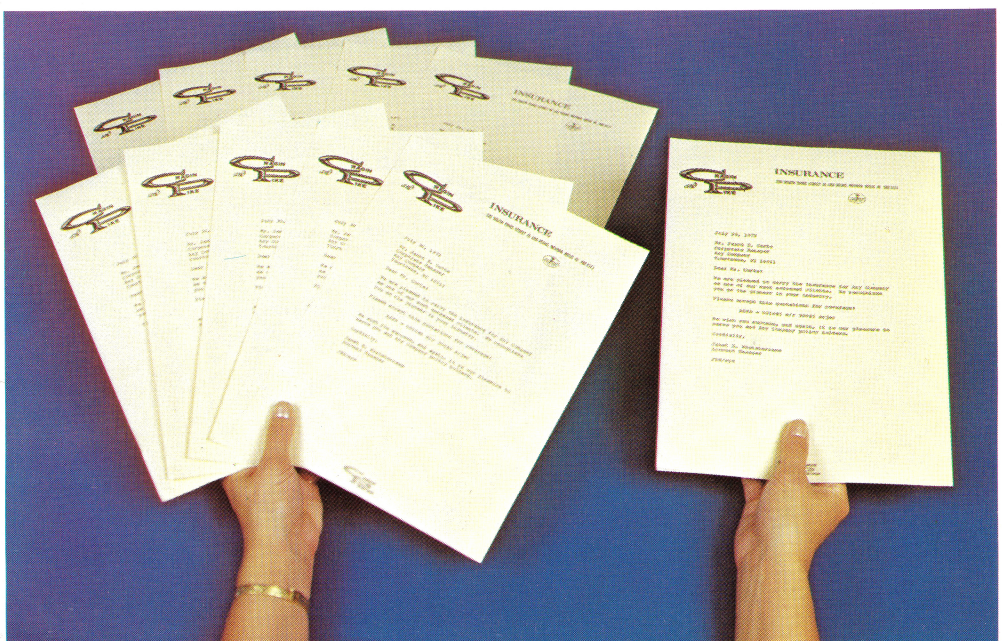
Quality that will make a lasting impression

On you as well as your customers.

The fact is, no other type of correspondence printer offers that special combination of speed, cost, performance and overall capabilities.

No other type of correspondence printer can do as much for your customers' printing needs as well as your business.

At 240 lines per minute the 510 Corresponder gets the work done several times faster than most daisy wheel printers.



TermiNet 510 Printer
Specifications

Data Transmission

Code	USASCII/ISO (7 bits plus optional parity)
Interface	Parallel Optional Serial RS-232/V24 and 20 ma
Speed	Parallel to 60K char. per sec. Serial 150/300/600/1200/2400/4800/9600 Baud

Printing

Type	Impact, fully formed characters
Speed	425 LPM (48 character set-72 char/line or less) 340 LPM (64 character set-90 char/line or less) 240 LPM (96 character set-127 char/line or less) Effective print speeds can be as high as 510 char/sec but vary with line length, interface timing and paper movement
Technique	Rotating print belt, individually replaceable print characters
Type Style	Modified courier 10, Letter Gothic, OCR-B, National character sets,
Character Spacing	10 per inch
Line Spacing	4/6/8 per inch, operator selectable
Print Line	13.2 inches
Buffer	Parallel Interface-132 or 260 characters. Serial Interface-up to 4K characters with Xon/Xoff protocol
Ribbon	Interchangeable cartridges Nylon mobius loop, ¾″ x 65 yd., with reinker Carbon film, single pass, 0.64″ x 210 yd.
Test	Built-in logic and print test

Vertical Format Control

Top of Form	Any form length to 160 lines
Vertical Tabs	Any number Up to eight formats may be stored in non-volatile memory by the operator and switch selected

Paper Handling (Tractor Mechanism)

Type of Drive	Servo
Paper Slew	Up to 20 inches per second
Paper Feed	Rear or bottom
No. of Parts	6 (0.025 in. max. thickness)
Paper Width	3 to 15 in. (76 to 381 mm)

Automatic Sheet Feeder

Type	Single or dual hopper
Type of Drive	Servo
Paper Slew	Up to 20 inches per second
Paper Size	8.5 w x 11 inch (216 w x 279 mm) 8.5 w x 14 inch (216 w x 356 mm) Metric A4 (210 w x 297 mm)
Paper Capacity	200 sheets single (with 20 lb. or 75.2 g/m² paper) 400 sheets dual (200 per hopper) 200 sheets restacker
Paper Weight	15 to 24 lb. (56.4 to 0.2 g/m²)

Physical

Size (Basic Printer)	26.1w x 29.3d x 37.8h inches (664w x 742d x 960h mm)
(With Automatic Sheet Feeder)	26.1w x 25d x 49.8h inches (664w x 635d x 1265h mm)
Weight	Printer 167 lbs. (76kg) — Domestic Model 182 lbs. (83kg) — International Model Automatic sheet feeder — 15.5 lbs. (7 kg)
Electrical	Domestic Model: 117VAC ± 10%, 50/60 Hz ± 1Hz International Model: 100/117/200/220/ 240/ VAC ± 10%, 50/60 Hz ± 1Hz
Power	350 Watts

Operating Environment

Temperature	+32 to +110 F (0 to +43C) with automatic sheet feeder +45 to +110 F (+10 to +43C)
Humidity	5 to 95% relative — with automatic sheet feeder 40 to 80% relative

TermiNet printers are available worldwide from General Electric Company USA affiliates and from a network of authorized distributors.

For more information contact:
In the U.S.A., your local GE Data Communication Business Department Sales Office;
In Canada, Canadian General Electric Co. Ltd, 396 Attwell Drive, Rexdale, Ontario, Canada M9W5C3;
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in Germany—Eschborn (06 196) 48501;
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